CLAIMS

- 1. A thermosetting resin composition comprising 100 parts by weight of an epoxy composition (E) and 0.01 to 20 parts by weight of a cationic polymerization initiator (C), the epoxy composition (E) comprising 10 to 99 percent by weight of an ester-free alicyclic epoxy compound (A) having two alicyclic epoxy groups and no ester bond per molecule; and 90 to 1 percent by weight of another epoxy compound (B) differing from the epoxy compound (A), the total of (A) and (B) being 100 percent by weight.
- 2. The thermosetting resin composition of claim 1, further comprising 50 parts by weight or less of an epoxycontaining acrylic resin (D) differing from the components (A) and (B), to 100 parts by weight of the epoxy composition (E).
- 3. The thermosetting resin composition of claim 2, wherein the epoxy-containing acrylic resin (D) further comprises hydroxyl group in addition to epoxy group.
- 4. The thermosetting resin composition of any one of claims 1 to 3, wherein the ester-free alicyclic epoxy compound (A) is an epoxy compound represented by Structural Formula (1):

wherein R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, and R18 may be the same as or different from one another and are each hydrogen atom, a halogen atom, a hydrocarbon group which may comprise oxygen atom or a halogen atom, or a substituted or unsubstituted alkoxy group.

5. The thermosetting resin composition of any one of claims 1 to 3, wherein the ester-free alicyclic epoxy compound (A) is an epoxy compound represented by Structural Formula (3):

wherein R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, and R12 may be the same as or different from one another and are each hydrogen atom, a halogen atom, a hydrocarbon group which may comprise oxygen atom or a halogen atom, or a substituted or unsubstituted alkoxy group.

6. The thermosetting resin composition of any one of claims 1 to 3, wherein the ester-free alicyclic epoxy compound (A) is an epoxy compound represented by Structural Formula (5):

wherein R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, and R12 may be the same as or different from one another and are each hydrogen atom, a halogen atom, a hydrocarbon group which may comprise oxygen atom or a halogen atom, or a substituted or unsubstituted alkoxy group.

(5)

7. An optically transparent material prepared by thermally curing the thermosetting resin composition of any one of claims 1 to 6.